

In the Claims:

1. (Previously presented) A mixer-system comprising:

an amplitude detector; and

a mixer-circuit including:

at least a first mixer and a second mixer configured to frequency translate signals comprising at least one of audio information and video information;

a first forward circuit path coupled to an output of the first mixer, and including an amplifier-circuit having a gain control input coupled to an output of the amplitude detector; and

a second forward circuit path coupled to an output of the second mixer, including an amplifier-circuit having a gain independent of the amplitude detector; and

wherein the mixer system is configured to perform amplitude correction during said frequency translating of said signals.

2. (Previously presented) The mixer-system according to claim 1, wherein

said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit; and

further including a polyphase filter coupled to at least one output of the amplifier-circuits to suppress data in at least one of said signals, the amplifier-circuits being connected between the polyphase filter and the first and second mixers.

3. (Previously presented) The mixer-system according to claim 2, wherein said amplitude detector comprises at least two level detectors, each including an output coupled to an input of an amplifier of the amplitude detector, wherein the amplifier is coupled to the gain control input.

4. (Previously presented) The mixer-system according to claim 2, further comprising at least one further amplitude detector corresponding to each one of said amplifier circuits; and

wherein each further amplitude detector includes at least one input coupled to at least one output of said amplifier-circuit and at least one output is coupled to an input of said respective amplifier-circuit for controlling a gain of said amplifier-circuit for making common-mode corrections.

5. (Previously presented) The mixer-system according to claim 4, wherein said further amplitude detector comprises at least two level detectors with inputs of said level detectors being coupled to outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier.
6. (Previously presented) A mixer system, comprising: a mixer-circuit with at least two mixers for frequency translating of signals including at least one of audio information and video information and including an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals, wherein said amplitude detector includes at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further including at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said at least one amplifier circuit, and also including a further amplitude detector that includes an adder and a level detector being coupled to outputs of said at least one amplifier circuit, wherein said adder is arranged for adding output signals of said at least one amplifier circuit and providing an output coupled to an input of the a level detector, wherein the level detector includes an output coupled to an input of the an amplifier, which amplifier includes an output coupled to an input of a range detector.
7. (Previously presented) The mixer-system according to claim 2, wherein said amplifier-circuits each comprise an amplifier with at least a first input and a first output coupled to each other via a first adjustable feedback-gain element and with at least a second input and a second output coupled to each other via a second adjustable feedback-gain element, with at least one adjustable feedback-gain element in at least one of said amplifier-circuits being adjustable for controlling the gain of said amplifier-circuit.
8. (Previously presented) A mixer system comprising: a mixer-circuit with at least two mixers for frequency translating of signals including at least one of audio information and video

information and including an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals, wherein said amplitude detector includes at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further including at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit-via at least one resistor-element that is adjustable for making phase corrections.

9. (Previously presented) An apparatus comprising:

- at least one polyphase filter; and
- a mixer-system coupled to said polyphase filter, the mixer-system including
 - a mixer-circuit with at least two mixers for frequency translating signals including at least one of audio information and video information,
 - an amplitude detector, which detects the amplitude of at least one output signal of said mixer-circuit, for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals, and
 - at least one resistor element that is adjustable for making phase corrections to at least one output signal of the mixer-circuit.

10. Cancelled.

11. (Currently amended) A mixer-system comprising:

- a mixer-circuit including
 - at least two mixers configured and arranged to frequency-translate signals, comprising at least one of audio information and video information, using a local oscillator signal, and configured to provide output signals including a video data signal and an audio data signal, and

an amplifier circuit coupled to the at least two mixers and configured to perform amplitude detection of the output signal and amplitude corrections for at least one of said output signals, in response to the detected amplitude of the output signal, during said frequency translating of said signals, the amplifier-circuit including an amplifier with at least a first input and a first output coupled to each other via a first adjustable feedback gain element; and

a polyphase filter connected to the amplifier circuit and configured to receive and filter at least one of said output signals, the amplifier circuit being connected between the polyphase filter and the at least two mixers; and

the mixer-circuit and polyphase filter being configured and arranged to suppress at least a portion of one of the audio data signal and the video data signal from at least one of said output signals.

12. (Previously presented) A mixer-system, comprising:

a mixer-circuit including:

at least two mixers for frequency translating signals including at least one of audio information or video information; and

at least two amplifier-circuits coupled to said mixers, each amplifier circuit having at least a first input and a first output coupled to each other via a first adjustable feedback-gain element, and having at least a second input and a second output coupled to each other via a second adjustable feedback-gain element; and

an amplitude detector configured to adjust at least one of the feedback-gain elements of said mixer-circuit.

13. (Previously presented) The mixer-system of claim 12, wherein the amplitude detector comprises:

at least two inputs coupled to at least two outputs of said mixer-circuit; and

at least one output coupled to a control input of the first adjustable feedback-gain element.

14. (Previously presented) The mixer-system of claim 13, further comprising:

at least one further amplitude detector per amplifier-circuit including:

at least two inputs coupled to at least two outputs of said amplifier-circuit; and
at least one output coupled to said second adjustable feedback-gain element_of
said amplifier circuit.

15. (Previously presented) The mixer-system according to claim 1, wherein the mixer circuit is configured to frequency translate a signal comprising audio and video information.

16. (Cancelled).